

CLAIMS

What is claimed is:

1. An air cleaner for a vehicular engine, comprising:
 - a pre-filter which receives air flow containing particulates, the pre-filter removing a first proportion of particulates from the air; and
 - a primary filter which receives the air flow from the pre-filter, the primary filter removing a second proportion of particulates from the air, and
 - the air flowing from the primary filter to an air intake of the engine,
 - the pre-filter being separately serviceable from the primary filter.
2. The air cleaner system of claim 1 wherein the air cleaner system includes a tray in which the pre-filter is positioned.
3. The air cleaner system of claim 2 wherein the pre-filter is inserted into and removed from the tray by sliding the pre-filter in and out of the tray.
4. The air cleaner system of claim 3 wherein the pre-filter is positioned adjacent to the primary filter.
5. The air cleaner system of claim 4 wherein the pre-filter is formed of a rigid material.

6. The air cleaner system of claim 4 wherein the pre-filter is formed of a flexible material.
7. The air cleaner system of claim 3 wherein the pre-filter is positioned at an angle relative to the primary filter.
8. The air cleaner system of claim 7 wherein the pre-filter is formed of a rigid material.
9. The air cleaner system of claim 7 wherein the pre-filter is formed of a flexible material.
10. The air cleaner system of claim 1 further comprising a tray, a manifold connected at a first end to the tray, and an intake housing connected to a second end of the manifold, the pre-filter being positioned in the intake housing.
11. The air cleaner system of claim 10 wherein the pre-filter is inserted into and removed from the intake housing by sliding the pre-filter in and out of the intake housing.
12. The air cleaner system of claim 11 wherein the pre-filter is formed of a rigid material.

13. The air cleaner system of claim 11 wherein the pre-filter is formed of a flexible material.
14. The air cleaner system of claim 1 wherein the pre-filter is formed of reticulated foam.
15. The air cleaner system of claim 1 wherein the pre-filter is formed of felt.
16. The air cleaner system of claim 1 wherein the first proportion of particulates is between about 50% to 80% of the particulates by mass.